LightFORCE
PERFORMANCE LIGHTING
USER MANUAL
HUNTSMAN
SERIES

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LIGHTFORCE IS AUSTRALIA'S LEADING DESIGNER AND MANUFACTURER OF INNOVATIVE PORTABLE HIGH INTENSITY LIGHTING SYSTEMS.

With more than thirty years' experience in the sporting world, Lightforce is now a global leader in portable lighting solutions. Lightforce are the only business that design and manufacture the world's best award winning spotlights in Australia. Lightforce are dedicated to ongoing research, development and innovation.

When you are looking for the best in sporting light performance, you need look no further than the Huntsman series by Lightforce. The Huntsman series is a mix of tried and tested Lightforce design sitting side by side with the latest in LED technology and compact, lightweight innovation.

The lights in the series are purpose designed for firearm mounting and are protected from recoil shock. They are not simple torches that have been adapted to fit onto a rifle: they are professional, purpose designed lights. Lightforce stands for innovation, rugged quality and performance. The Huntsman series lives up to this name.

WITH PRED9X YOUR VISION GOES BEYOND JUST EYE-SHINE TO SPECIES RECOGNITION OF GAME IN THICK COVER.

Proven in the harshest conditions around the world, the Huntsman series ticks every box on the outdoorsman's checklist. Lightweight, durable, portable, with rifle and scope mount options, attachable filters and even a silent RF switch, the range has a product for every need.

The PRED6X and the PRED9X are the newest editions to the Lightforce sporting light family. They are very light and compact, a fact that won't be lost on you when you mount it to your firearm and begin the hunt. The PRED9X is the world's first purpose designed, purpose built firearm mounted light and the technology and innovation which has gone into it sets it apart from every other light on the market. No other light delivers a beam as powerful and tight as the PRED9X. The PRED9X is very capably backed up by the smaller PRED6X, still a superior light to all others of its kind on the market.

WHEN HUNTING PREDATORS, VERMIN, DEER AND BOAR THE PRED9X WILL ENSURE YOU HAVE A TIGHT BEAM THAT GIVES VISIBILITY OVER 200 METRES AWAY.

The PRED9X utilises the latest in LED technology. The light uses a superior high colour rendering index (CRI) diode to improve contrast and clarity when hunting your prey: it allows you to see a brown fox through brown undergrowth. LED lighting is also extremely long lasting.

Because LED has a low current draw, a smaller power source such as on board rechargeable batteries can be used to power the light. This means no wires and long battery life of up to 2 hours continuous use! The PRED9X and PRED6X are good lights for medium range hunting or hunting on foot. Their lightweight build and compact size mean they fit snugly to the rifle, keep the rifle balanced and won't create too much extra weight for you to carry. The silent remote operating switch, unique to the PRED9X, ensures you will not spook game when turning on and off the light. Once you have experienced the Huntsman series in action there will be no alternative for you. They are simply the best firearm mounted lights in the world. When you are not prepared to compromise there really is one choice!

PRED9X

WARNINGS

High intensity light source. Do not look into the LED during operation. Eye injury may result. Refer to LED Eye Safety at http://www.cree.com/xlamp_app_notes/led_eye_safety.

Warning: Luminaire may reach high operating temperatures if stored in enclosed spaces and left running. Store the PRED9X in safe mode to prevent temperate damage.

KIT CONTENTS

1 x PRED9X Firearm Mounted Light

1 x RF Control Fob

1 x Velcro strap for RF control fob

4 x 18650 3.7v Batteries

1 x Picatinny mount, two pieces

1 x Allen key

2 x Screw on filters Red and Green

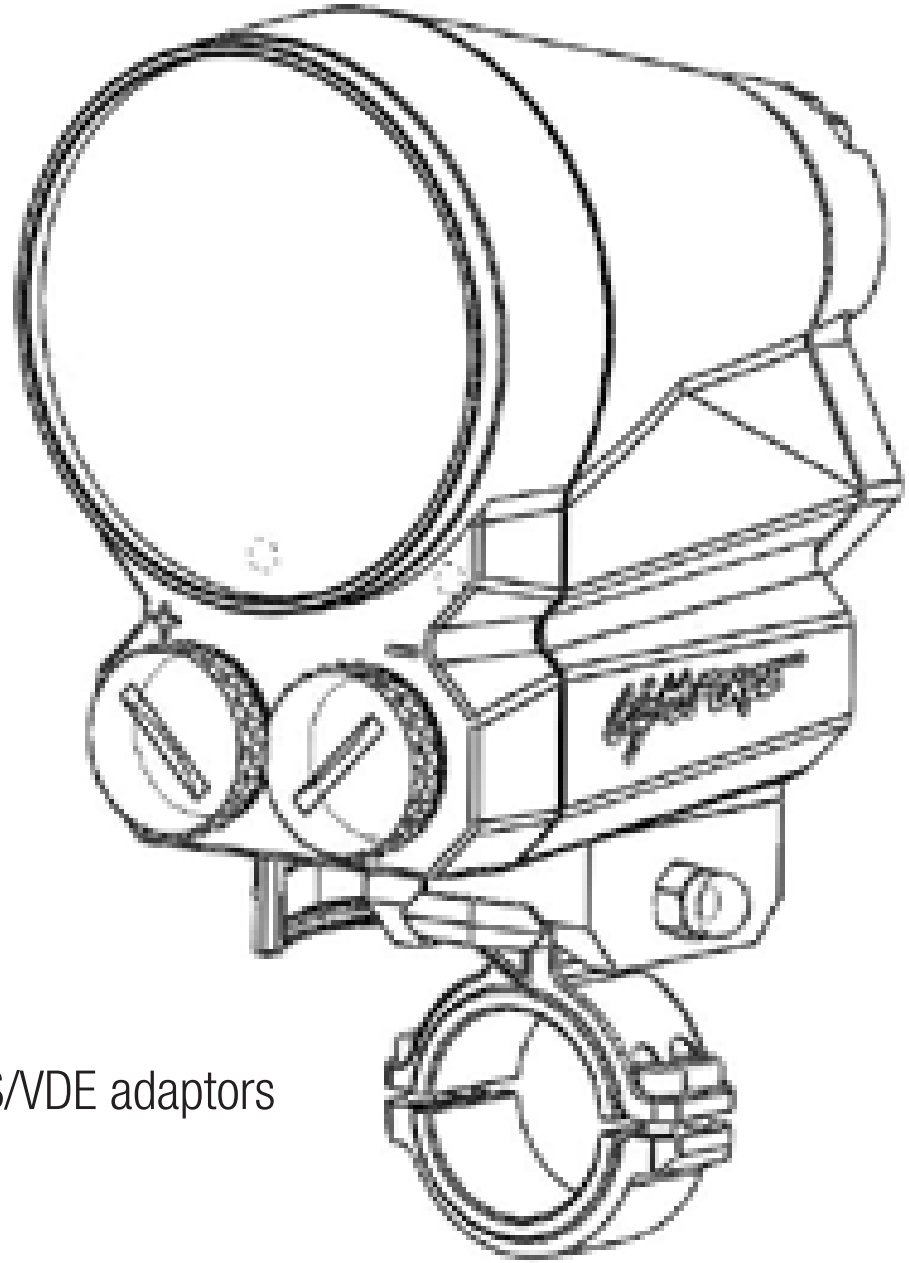
1 x Canvas kit bag

1 x Carry Strap

1 x Battery charging cradle

1 x DC power adaptor with cig plug

1 x AC power supply with universal AU/BS/US/VDE adaptors

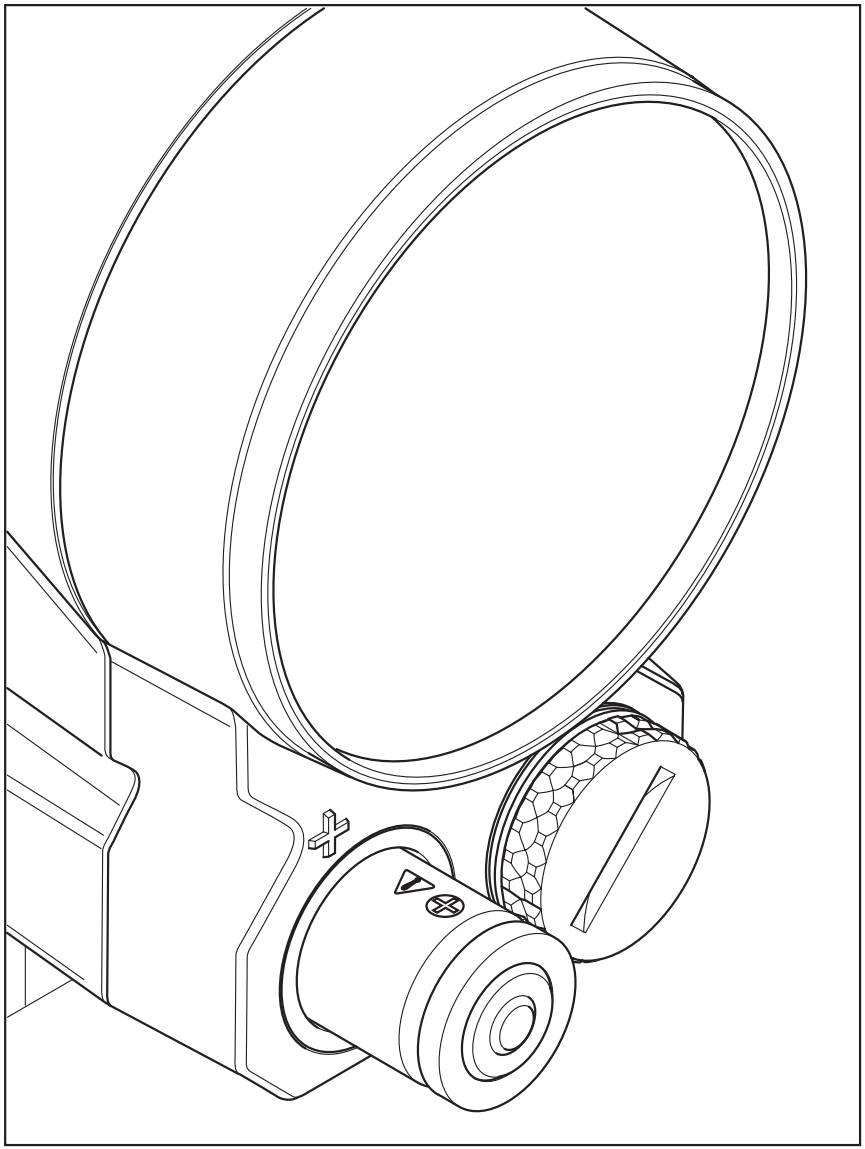


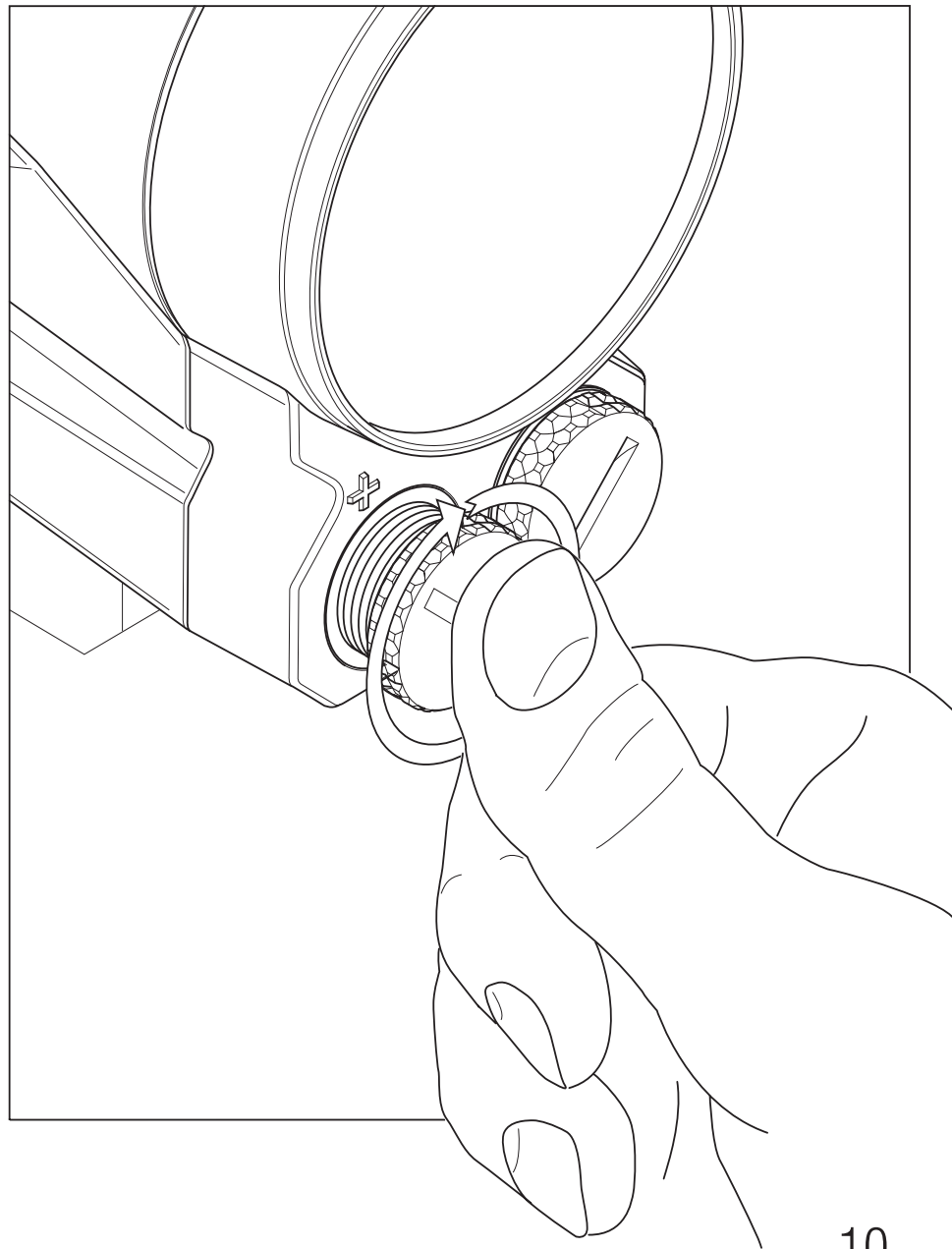
OPERATING INSTRUCTIONS

For first use, remove protective insulating film from the batteries. Remove the thumb screw caps on the PRED9X and insert batteries observing the correct polarity that is marked on the unit. Insert the battery with the correct terminal pointing toward the polarity marked on the PRED9X. Replace the thumb screw caps.

NOTE

The thumb screw caps are double sprung to withstand the recoil energy from large calibre rifles and the cap is under tension. Best fitment is achieved by replacing the cap with your thumb and maintaining pressure against the springs: once the thread is started the cap can be tightened firmly.





OPERATING INSTRUCTIONS (cont.)

Operate the light using the push button switch on the rear of the PRED9X. The switch is a momentary push button that toggles the operating mode: HIGH/LOW/OFF (standby)

- HIGH provides maximum light output
- LOW prolongs the operating duration to give up to 7 hours of useable light
- OFF switches the unit to standby unit ready to be switched on by the RF unit or the on board button with a single momentary press.

LONG TERM STORAGE INSTRUCTIONS

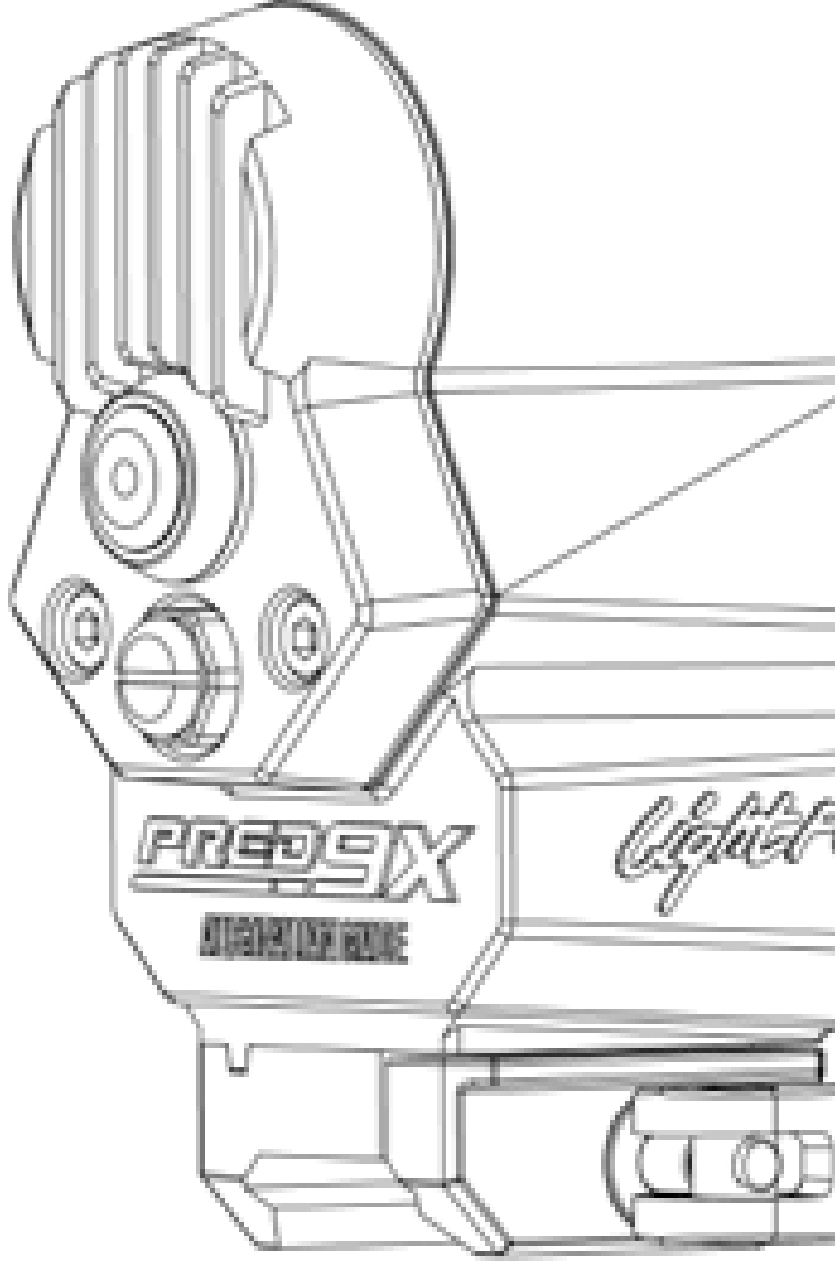
The PRED9X must be stored in SLEEP mode when not in use. When in SLEEP mode all modes of the PRED9X are disabled and the internal micro controller is dormant. The RF fob will not operate when the light is in SLEEP mode. In this mode, accidental operation of the light is protected from over temperature operation. Also, the internal batteries are isolated reducing current consumption when in storage.

HOW TO ENTER SLEEP MODE:

Press and hold the momentary push button for three seconds until the LED flashes. In this state momentary press operation of the switch has no effect and the RF fob controller will not operate.

HOW TO RESTORE NORMAL OPERATION:

Press and hold the momentary push button for three seconds until the LED flashes again. Normal operation is restored and the PRED9X will respond to momentary button presses again. The RF fob controller will operate.

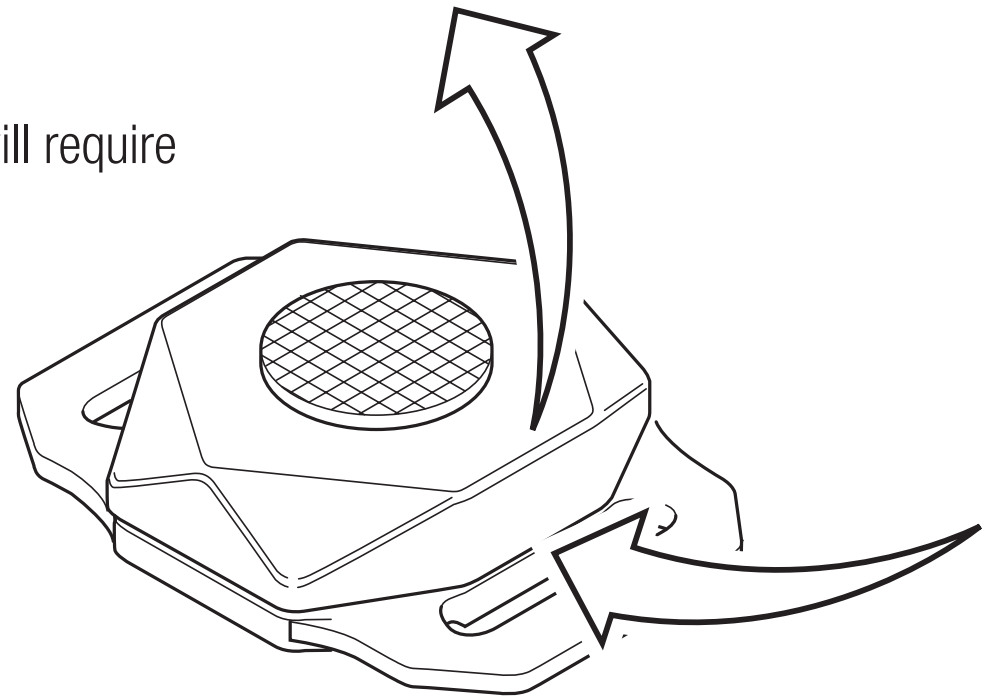


RF WIRELESS OPERATION

When in normal operation mode, the RF fob will operate the PRED9X over a distance of approximately five metres and will switch between HIGH and OFF (standby) modes only. LOW mode or storage mode cannot be activated from the RF fob: the rear mounted momentary push-button is the only way to enter these special modes.

The fob is supplied with a Velcro strap to facilitate attachment to a rifle fore stock for convenient single handed operation.

The RF fob contains a CR2016 3V battery that will require replacement after prolonged operation.



WARNING MODES

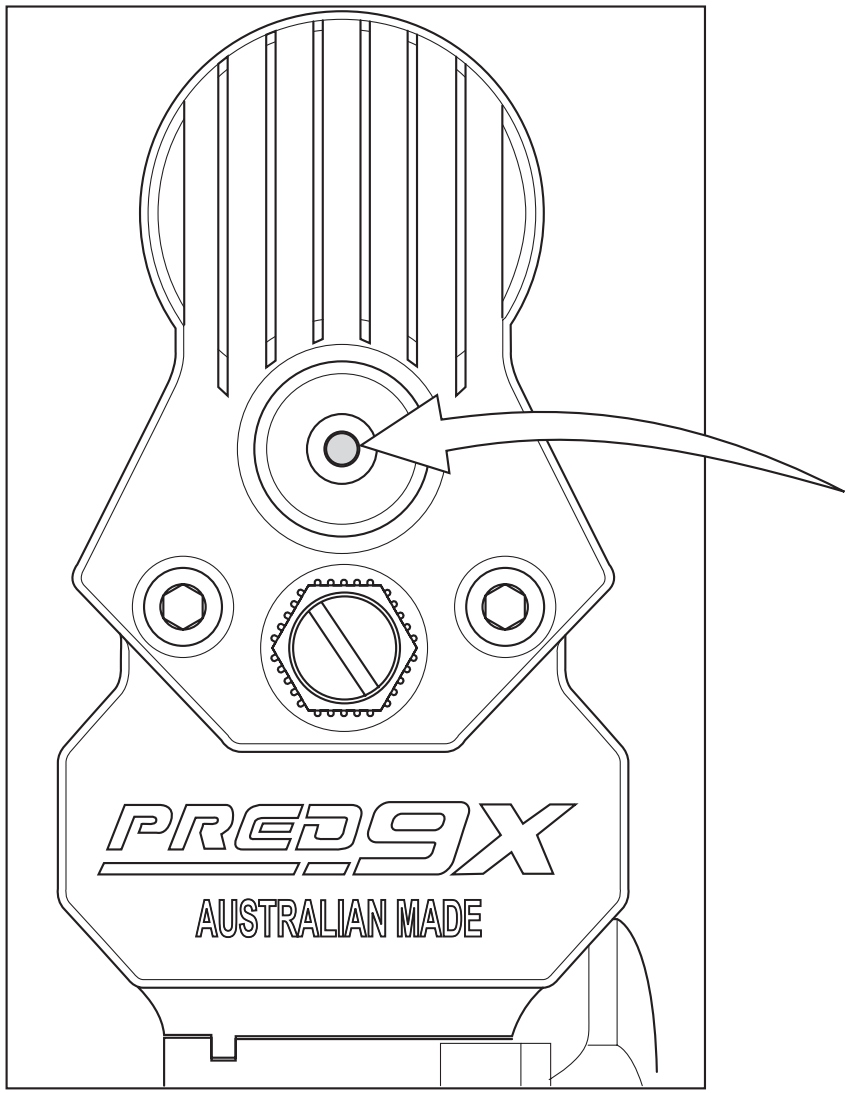
A red LED indicator is located in the centre of the push button switch and will activate to indicate the following modes:

LOW BATTERY VOLTAGE WARNING.

Low battery voltage is indicated with a short flash every three (3) seconds.

HIGH TEMPERATURE WARNING.

The LED will flash rapidly (twice a second) if the unit exceeds safe operating temperature. In this state the unit will automatically switch to LOW power to reduce the core temperature.



OPTIONAL EQUIPMENT

EXTRA RF CONTROLLERS

These can be added to control the PRED9X. A maximum of twenty (20) RF fobs can be paired with a light. To pair a RF fob for the first time:

1. Turn the PRED9X LED on to HIGH or LOW mode.
2. Press and HOLD the momentary switch for 15-18 seconds until the LED switches OFF. The indicator LED in the centre of the switch will shine RED to indicate that the light is in learn mode and is ready to be paired with another RF fob.
3. While the RED indicator LED is shining, press the button on the RF fob. The unit is ready for use.
4. To test that the unit is operating correctly, press the button on the RF fob. It should toggle the PRED9X between HIGH and OFF (standby).

EXTERNAL POWER PACK

The PRED9X can be powered from an external power source via the rear power input socket. Currently Lightforce do not offer a matching external power pack nor is the input plug supplied.

FILTERS

Optional red and green filters are supplied with the PRED9X kits. Take care, do not over tighten or cross thread the filter. To fit:

1. Squeeze the sides of the protective case and pull away from the base to expose the filter.
2. Hold the filter parallel to the end of the PRED9X lens with the threaded edge facing the glass of the lens.
3. Place the filter flat against the lens.
4. Twist the filter clockwise to tighten it onto the lens.

CAUTION: The maximum input voltage is 8.40 volts, the PRED9X is not intended for use directly from a 12V battery.

PRED9X

WARNINGS

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Warning: Luminaire may reach high operating temperatures if stored in enclosed spaces and left running. Store the PRED9X in safe mode to prevent temperate damage.

KIT CONTENTS

1 x PRED6X Firearm Mounted Light

2 x 18650 3.7v Batteries

1 x Two piece scope mounting clamp

1 x Silent operating tail switch

1 x Red flip up filter

1 x Canvas kit bag

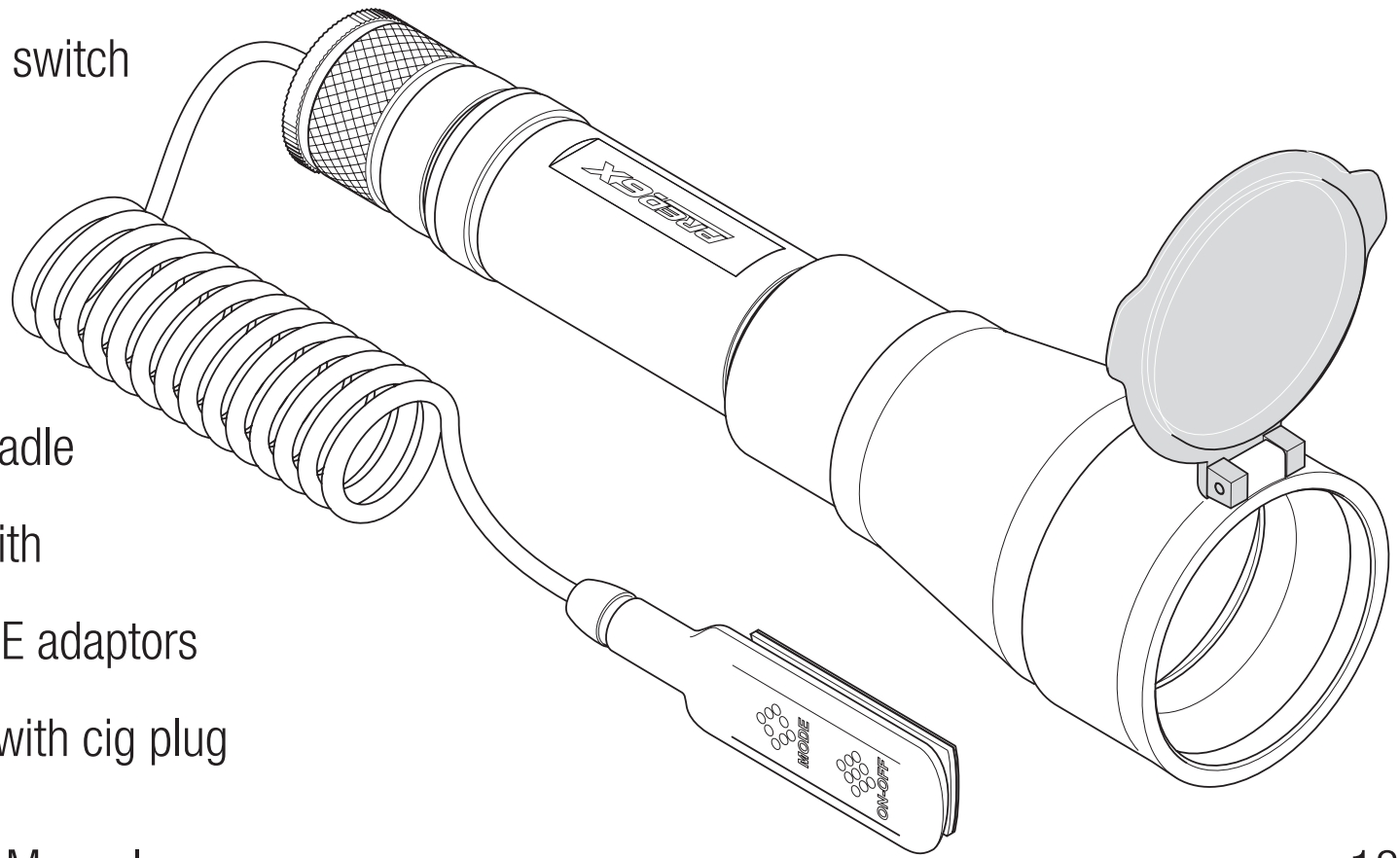
1 x Carry strap

1 x Battery charging cradle

1 x AC power supply with

universal AU/BS/US/VDE adaptors

1 x DC Power adaptor with cig plug



OPERATING INSTRUCTIONS

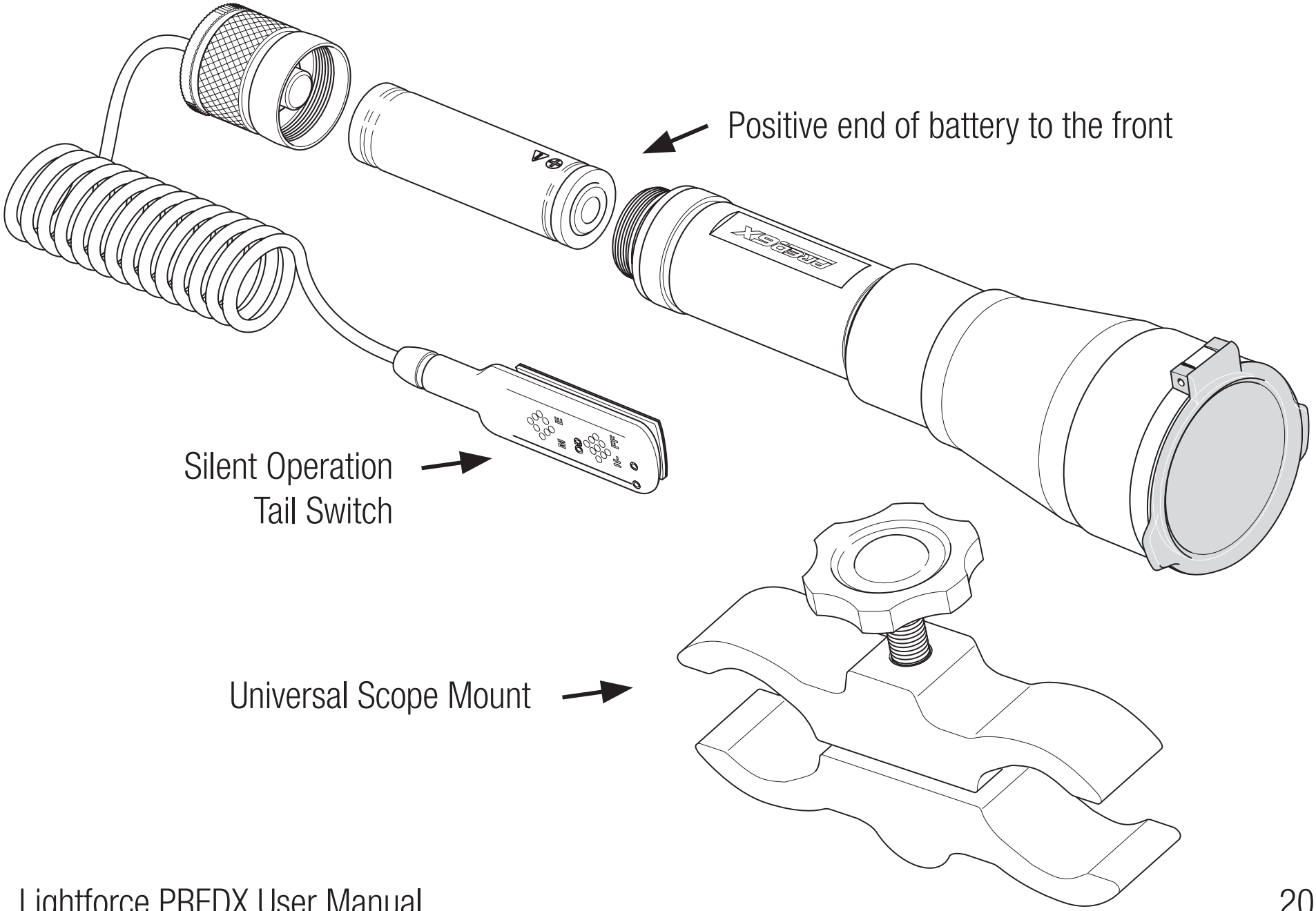
For first use, remove protective insulating film from the batteries. Insert one battery into the flashlight with the positive terminal facing forward. Replace the end cap.

Fit the lanyard to be able to conveniently handle the PRED6X as a handheld flashlight.

Operate the light using the push button switch on the rear of the PRED6X. For firearm mounted use, the standard end cap can be replaced with the remote tail switch. This switch has a silicon boot and features a silent operation switch. The switch has two functions, toggle on/off and momentary operation in signalling mode. The remote switch may be secured to a riffle stock using the Velcro adhesive patch that is fitted to the silicon boot of the tail switch.

SCOPE MOUNTING BRACKET

The included scope mounting bracket is made from a non scratch polymer selected to protect your riflescope. Attach the bracket using the sturdy thumb screw. Clamp the bracket around the PRED6X and the riflescope. The stepped design of the PRED6X allows it to be adjusted to accommodate riflescope diameters between 25mm and 40mm.


Positive end of battery to the front
Silent Operation
Tail Switch
Universal Scope Mount

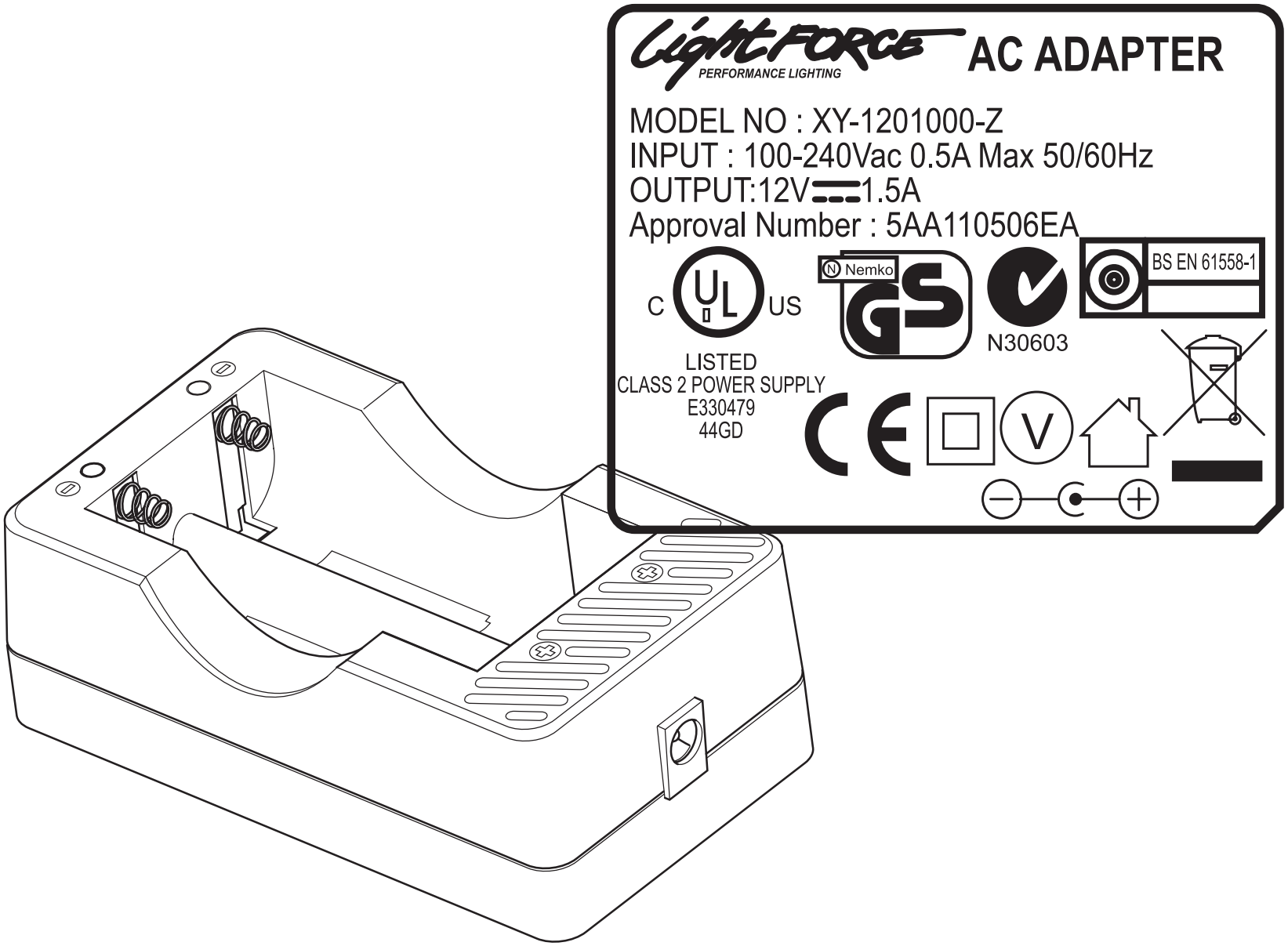
CHARGING INSTRUCTIONS FOR THE PRED9X AND PRED6X

To charge the batteries they must first be removed from the light. A spare set of batteries is supplied in the kit so the unit is always ready for action. To recharge the batteries, insert them into the Li-Ion charger observing the correct polarity marked on the charger face.

The Li-Ion charger has two channels: a separate LED indicator shows the mode of each channel. The charger can charge one or two batteries simultaneously. Insert a 12V input from the cig plug adaptor or using the included AC mains adaptor.

The LED indicator will show the charging mode. A red LED is displayed when the unit is charging. A green LED indicates the battery is fully charged.

The Li-Ion charger is equipped with short-circuit protection and will auto-recover when a short circuit is removed.


PERFORMANCE LIGHTING
AC ADAPTER
MODEL NO : XY-1201000-Z
INPUT : 100-240Vac 0.5A Max 50/60Hz
OUTPUT:12V⎓1.5A
Approval Number : 5AA110506EA
c UL US
LISTED
CLASS 2 POWER SUPPLY
E330479
44GD
Nemko
GS
N30603
BS EN 61558-1
CE
V

TECHNICAL SPECIFICATIONS

Charger

Input Voltage: 100 - 240V AC

Input Frequency: 50/60Hz

Input Current: 0.3Amp maximum

Approval number: SAA110506EA

Output Voltage:12V DC

Output Current: 1.0Amp DC

Output Power: 12W

Batteries

18650 Li-Ion 3.7v 2200mAh

PRED9X LED System

1 x XP-G2 LED

Natural high colour rendering index (CRI) = 85

Operating duration: High 120 minutes (2 hours) measured at 25°C

Operating duration: Low 420 minutes (7 hours) measured at 25°C

Cam operated quick-lock mount is compatible with Picatinny and Weaver rail mounting systems.

PRED6X LED System

1 x Cree XR-E 335 lumen LED

Operating duration: Full power 90 minutes (1.5 hours) measured at 25°C

Produces usable light beyond 210 minutes (3.5 hours)

REPLACEMENT SPARES AND ACCESSORIES

Order Code	Description
PRED9XKIT	PRED9X REPLACEMENT MOUNT KIT
SRKITPRED9X	PRED9X SCOPE MOUNT
PRED9XRF	PRED9X RF KEY FOB REPLACEMENT
PRED9XFILTER	PRED9X FILTER KIT
BATTERY18650	BATTERY 18650 PREDX TWIN PACK
PRED6XMOUNT	PRED6X SCOPE MOUNT BRACKET
PRED6XFP	PRED6X REPLACEMENT FILTER

WARRANTY

Lightforce lights are proudly designed in Australia and backed by our limited warranty.

AUSTRALIA

“Lightforce” means Lightforce Australia Pty Ltd ABN 54 069 439 774 Address: 28 Orsmond Street, Hindmarsh, SA ,5007. Telephone: +61 8 8440 0888.

WHAT THIS WARRANTY COVERS:

Lightforce warrants that each product that you purchase is free from defects in materials and workmanship under normal use and conditions during the warranty period. If the product fails due to a covered defect during the warranty period, Lightforce shall provide you with a remedy under this Limited Warranty. The warranty period for the product starts on the original date of purchase specified on your sales receipt or invoice unless Lightforce informs you otherwise in writing.

THE BENEFITS GIVEN BY THIS WARRANTY ARE IN ADDITION TO YOUR RIGHTS AND REMEDIES AT LAW, INCLUDING THOSE UNDER THE AUSTRALIAN CONSUMER LAW.

Version AU 2012.12

www.lightforce.com